



Armour Valve

Pulp & Paper

Solutions for power generation, process, and steam

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Conval
Camseal® Metal Seated Ball Valves



- ½"-4"
- ASME Class 900-4500
- In-line renewable cartridge design
- Individually factory tested
- Zero leakage unibody
- IGW for in-line packing adjustment
- Top-entry pressure seal
- Fire safe design

Conval
Clampseal® Globe & Check Valves



- ½"-4"
- ASME Class 900-4500
- In-line repairable
- Available in Angle, Y, or T pattern
- Pressure-assisted seal bonnet
- IGW for in-line packing adjustment
- NACE & LFE options
- Fire safe design

Conval
Clampseal® Throttling Valves



- ½"-4"
- ASME Class 900-2500
- In-line repairable
- Replaceable seat/orifice
- Easy-to-read position indicator
- IGW for in-line packing adjustment
- Available in tandem configuration
- Forged steel & alloy materials

Fossil Power Systems
Aquarian 3000 Visual Water Level Gauge



- Ported gauge: 3000 psi
- LED bi-colour illuminators
- Water & steam level measurement
- Double mica ported gauge design
- ASME certified
- Belleville washers eliminate re-torquing

Fossil Power Systems
Aquarian Electronic Level Indicators



- Probe rating 3000 psi @ 1200°F
- Solid state electronics
- Measure up to 48 probe levels
- Two-colour display
- Brazed probe design
- Swagelok connector
- NEMA 4x enclosure

Fossil Power Systems
Aquarian Flat Glass & Reflex Gauges



- Flat glass: 1000 psi | 2000 psi
- Reflex glass: 350 psi | 650 psi
- Wide range of non-ASME process applications
- Range of visibility 7-7/8" to 125-5/8"
- ASME certified
- Custom extruded body to reduce deflection and leaks

HORA
Attemperators/Desuperheaters



- ASME Class 300-2500
- Types: multi-nozzle, injection orifice, injection lance, venture, radial, and steam atomized
- Integral pressure control valve
- Seat positioned outside of flow
- High rangeability
- Ease of maintenance

HORA
Automatic Pump Recirculation Valves



- 1¼"-10" (larger on request)
- ASME Class 150-1500
- High or low pressure models
- Fully mechanical automatic solution
- On/off recirculation flow control
- Pump protection at minimum flow
- In-line repairable

HORA
Control Valves



- Up to 24"
- ASME Class 300-2500
- High & low load designs
- Water, feedwater & steam
- Wide range of trim designs
- Differential pressure over 7000 psi

HORA
Steam Conditioning Valves (Turbine Bypass)



- ASME Class 150-4500, up to 1150°F
- Combined pressure reducing & desuperheating
- Globe, Angle or Z-style
- Custom engineered turbine bypass
- High rangeability
- Ease of maintenance

North Port Valves
SER100/150 - Unidirectional Valve



- 2"-48" lugged, 18"-48" flanged
- ASME Class 150
- LD stock, moderate slurries, water
- Full stainless steel construction
- Fully guided gate
- Bubble tight elastomer seats
- Class 3 shutoff metal-to-metal seats
- Rising stem standard

North Port Valves
SER200 - Bi-directional Valve



- 2"-30"
- ASME Class 150
- Perimeter seated bi-directional bubble tight shutoff
- Pulp stock, slurries, powders, plastics & others
- Full port cavity free design
- Body acts as blade scraper
- Two piece, SS body, fully repairable
- Non-rising stem

North Port Valves
SER250 - Bi-directional Valve, cone deflector



- 2"-18"
- ASME Class 150
- Perimeter seated bi-directional bubble tight shutoff
- Wet & dry ash, bulk handling, slurries with heavy solids
- Cone extends seat life, does not change face-to-face
- Body acts as blade scraper
- Two piece, SS body, fully repairable
- Non-rising stem

North Port Valves
SER300 - Scavenger Valve



- 3"-30"
- ASME Class 150
- Heavy trash applications
- Cavity/pocket free
- Hardened gate, guide, & cartridge
- Beveled gate to shear heavy solids
- Two piece, SS body, fully repairable
- Pneumatic cylinder standard

North Port Valves
SER350 - HD/MD Reject Chamber Valve RxR



- 6", 8", 10", 12"
- ASME Class 150
- Round by round flanged
- HD/MD reject systems
- Hardened gate, guide, & cartridge
- Cavity free design
- Two piece, SS body, fully repairable
- Pneumatic cylinder standard

North Port Valves
SER375 - HD/MD Reject Chamber Valve RxS



- 6", 8", 10"
- ASME Class 150
- Round by square flanged
- HD/MD reject systems
- Hardened gate, guide, & cartridge
- Cavity free design
- Two piece, SS body, fully repairable
- Pneumatic cylinder standard

North Port Valves

SER400 - O-Port Thru Gate Valve



- 3"-30"
- ASME Class 150
- Bi-directional positive shutoff
- Heavy slurry & scaling applications
- Electro polished gate
- Full stainless steel construction
- Cylinder recommended above 12"
- Purge ports standard on all sizes

North Port Valves

SER700 - Transmitter Isolation Valve



- 3"
- ASME Class 150
- Positive isolation of transmitters
- Machined to transmitter diaphragm
- 3 purge ports standard
- All 317SS body and gate
- Offset bolt pattern direct mounting
- Stainless steel ratchet handle

Onyx

Pinch Valves



- ½"-36"
- Full round
- Single or dual pinch
- Pre-pinch
- FDA approved rubber insert
- On/off & modulating service

SchuF

Sampling Valves



- ½"-1½"
- ASME Class 600
- Simplifies extraction/injection
- Metal-to-metal or PTFE sealing
- Non-clogging/dead space free
- Ram & disc type
- PTFE or graphite packing
- Wafer & integral pipe design

SchuF/Fetterolf

Cam-Set, Cam-Slide, Stacey Line Blinds



- Up to 64"
- ASME Class 150-2500
- Positive isolation; fast changeover
- Cam-Set/Slide: no flange separation
- Butt-weld & flanged ends
- Carbon & stainless steel
- Customization available on request

SOMAS

Ball Segment Valves



- 1"-10" standard, up to 28"
- ASME Class 150-600
- Control & on/off
- Stainless steel & exotic alloys
- Metal & soft seated
- Available in wafer & flanged
- Low noise & V groove trim options

SOMAS

Butterfly Valves



- 3"-48"
- ASME Class 150-600
- High-performance, triple offset
- Torque seated
- Stainless steel & exotic alloys
- Isolation & control
- Metal & soft seated
- Available in wafer, lug & flanged

SOMAS

SKV Ball Valves



- 1"-20"
- ASME Class 150-300
- Full cylindrical bore for max flow
- Stainless steel & exotic alloys
- PTFE(Class VI) or HiCo(Class V) seat
- Flanged
- Hard chrome or HiCo plated ball

Value-Added Services

- 100's of solutions for projects & day-to-day
- Engineered valve solutions—we can help
- Factory certified service department
- On-site & in-house service & repair
- Virtual or in-person maintenance training
- Sizing and selection support
- Complete valve assemblies
- All suppliers meet rigorous quality standards



Mounting & Configuration of All Major Actuator Brands



Western Team

Ext

Manitoba	126
Saskatchewan	175
Alberta South	162
Alberta Central & North	183
British Columbia	162

Eastern Team

Ext

Atlantic Canada	131
Quebec	186
Ontario East	181
Ontario West	176

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